

Description

The Mertech Utility series of PC-class Automatic Transfer Switch utilizes the very latest changeover technology complying with EN 60947-6-1.

Automatic Transfer Switches are the ideal solution for transferring power from the Mains to a Standby supply. With three phase Mains and Standby supply monitoring plus full electrical and mechanical interlocking you can be confident of switching supplies under fault conditions at any time. It also has an Auto/Man selector switch and pushbuttons for manually opening and closing the device. A physical manual changeover handle is also included for emergency override operation.

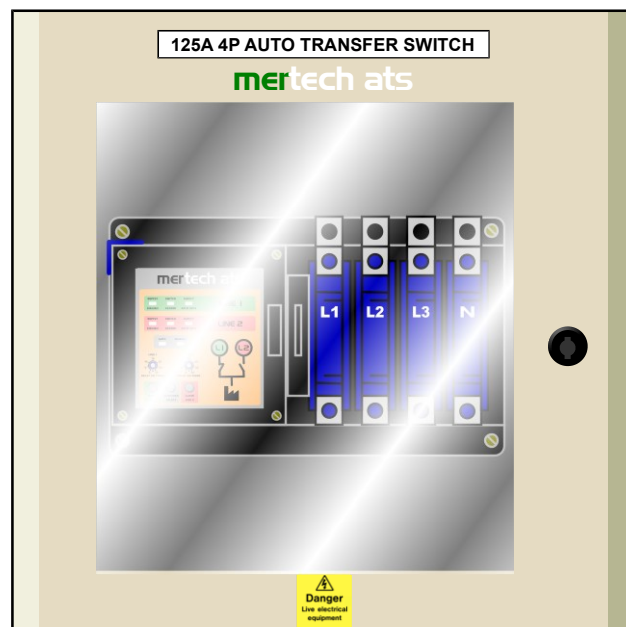
By use of a glazed door IP65 enclosure we can offer full visibility of the LED indications and mechanical verification of switch position. Internal protection to IP2x.

Specifications

- Ambient air temperature of -5 to +35
- U_i 690V - U_e 400V 4P
- I_e (@device rating)
- U_{imp} 8kV Main cct - 4kV control cct
- Utilisation category - AC33B
- I_{cm} Peak 17kA
- I_{cw} 10kA/30ms
- Class - ATSE PC

Standards

- IEC 60947-6-1:2013 MOD
- GB/T 14048.11
- IEC 60947-3
- EMC Dir. 2004/108/CE
- EN 61000-6-2
- EN 61000-6-4



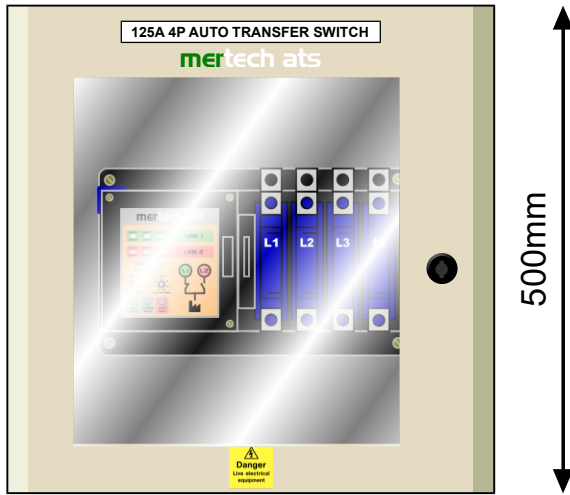
Status LEDs

Mains Available - Mains Closed - Mains Abnormal
Standby Available - Standby Closed - Standby Abnormal
Auto Mode - Manual Mode

Definition	Standard
Type	ATS
Series	U-PC
Auto & Manual Operation	✓
IP65 Protection	✓
Maintenance Counters	
3 Phase Mains Sensing	✓
3 Phase Standby Sensing	✓
Single Phase Mains Sensing	
Single Phase Standby Sensing	
LCD Display	
Status Lamps - Internal LEDs	✓
Generator Start/Stop V/F Signal	✓
Manual By-Pass	
Variable Timed Changeover	✓
IEC 60947-6-1:2013 MOD	✓
Optical Comms Point	

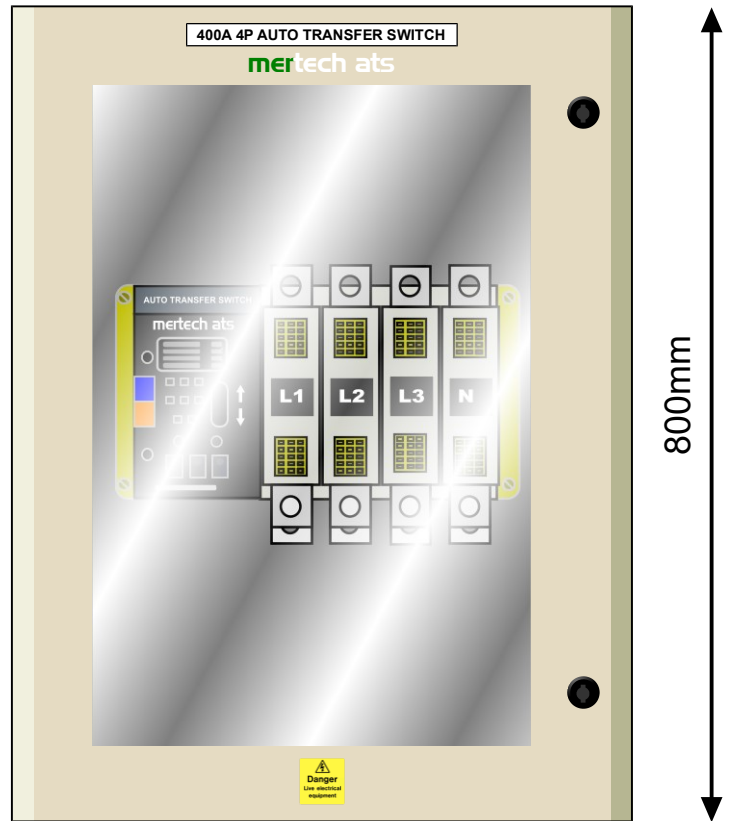
Dimensions

> 100A - 125A
500mm



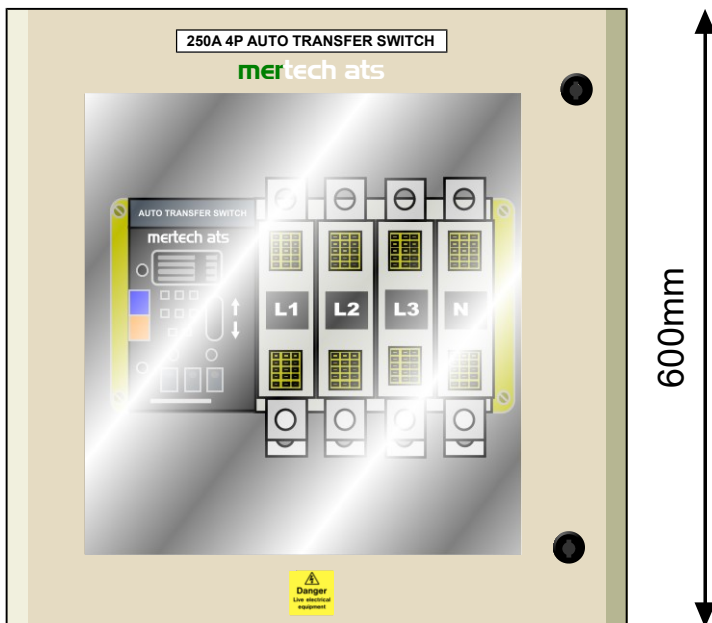
Panel Depth 200mm

315A - 400A
600mm



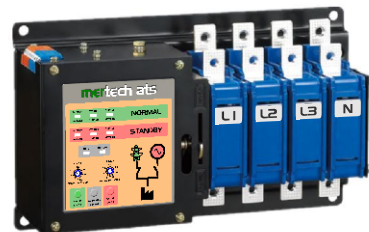
Panel Depth 200mm

160A - 200A - 250A
600mm



Panel Depth 200mm

Changeover Device



<125 Amp 4P



160-400 Amp 4P